

## OPINION 1949

### *Cacatua* Vieillot, 1817 and CACATUINAE Gray, 1840 (Aves, Psittaciformes): conserved

**Keywords.** Nomenclature; taxonomy; Aves; PSITTACIDAE; CACATUINAE; *Cacatua*; *Cacatua alba*; cockatoos; Australasia; southwest Pacific; Indonesia.

#### Ruling

- (1) Under the plenary power the following names are hereby suppressed for the purposes of the Principle of Priority but not for those of the Principle of Homonymy:
  - (a) the generic names:
    - (i) *Kakatoe* Cuvier, 1800;
    - (ii) *Cacatoes* Duméril, 1805;
    - (iii) *Catacus* Rafinesque, 1815;
    - (iv) *Plyctolophus* Vieillot, 1816;
  - (b) the specific name *cristatus* Linnaeus, 1758, as published in the binomen *Psittacus cristatus*.
- (2) The name *Cacatua* Vieillot, 1817 (gender: feminine), type species by subsequent designation by Salvadori (1891) *Cacatua cristata* Vieillot, 1817 (a junior subjective synonym of *Psittacus albus* Müller, 1776), is hereby placed on the Official List of Generic Names in Zoology.
- (3) The name *albus* Müller, 1776, as published in the binomen *Psittacus albus* (senior subjective synonym of the specific name of *Cacatua cristata* Vieillot, 1817, the type species of *Cacatua* Vieillot, 1817), is hereby placed on the Official List of Specific Names in Zoology.
- (4) The name CACATUINAE Gray, 1840 (type genus *Cacatua* Vieillot, 1817) is hereby placed on the Official List of Family-Group Names in Zoology.
- (5) The following names are hereby placed on the Official Index of Rejected and Invalid Generic Names in Zoology:
  - (a) *Kakatoe* Cuvier, 1800, as suppressed in (1)(a)(i) above;
  - (b) *Cacatoes* Duméril, 1805, as suppressed in (1)(a)(ii) above;
  - (c) *Catacus* Rafinesque, 1815, as suppressed in (1)(a)(iii) above;
  - (d) *Plyctolophus* Vieillot, 1816, as suppressed in (1)(a)(iv) above.
- (6) The name *cristatus* Linnaeus, 1758, as published in the binomen *Psittacus cristatus* and as suppressed in (1)(b) above, is hereby placed on the Official Index of Rejected and Invalid Specific Names in Zoology.
- (7) The name PLYCTOLOPHINAE Vigors, 1825 is hereby placed on the Official Index of Rejected and Invalid Family-Group Names in Zoology (invalid because the name of the type genus, *Plyctolophus* Vieillot, 1816, has been suppressed in (1)(a)(iv) above).

#### History of Case 1647

An application for the conservation of the generic name *Cacatua* Vieillot, 1817 and the subfamily name CACATUINAE Gray, 1840 was received from Prof Walter J. Bock (Columbia University, New York, N. Y., U.S.A.) and Dr Richard Schodde (Australian

National Wildlife Collection, CSIRO Wildlife and Ecology, Lyneham, A. C. T., Australia) on 24 March 1994. After correspondence the case was published in BZN 55: 159–164 (September 1998). Notice of the case was sent to appropriate journals.

It was noted on the voting paper that the application had the support of members of the Standing Committee on Ornithological Nomenclature (SCON) (para. 3 on BZN 55: 160).

### Decision of the Commission

On 1 September 1999 the members of the Commission were invited to vote on the proposals published in BZN 55: 162. At the close of the voting period on 1 December 1999 the votes were as follows:

Affirmative votes — 19: Bock, Brothers, Cocks, Cogger, Dupuis, Eschmeyer, Heppell, Kraus, Macpherson, Mahner, Mawatari, Minelli, Nielsen, Papp, Patterson, Savage, Schuster, Song, Štys

Negative votes — 2: Bouchet and Kerzhner.

No vote was received from Martins de Souza.

Lehtinen and Ride were on leave of absence.

Bouchet considered that the application should have evaluated in more detail the consequences of attributing the name *Cacatua* to Brisson (1760). He also commented that the name *Psittacus cristatus* could have been attributed to Linnaeus (1758), rather than to Vieillot (1817), by means of an appropriate lectotype or neotype designation in the sense of *P. albus* Müller, 1776. Kerzhner commented: 'I completely support the main idea of the proposal, and I regret that I vote against. It would have been more logical to solve the problem of the type species of *Cacatua* Vieillot, 1817 by use of the plenary power to set aside all previous type designations and to fix *Psittacus albus* Müller, 1776 as the type species'.

### Original references

The following are the original references to the names placed on Official Lists and Official Indexes by the ruling given in the present Opinion:

*albus*, *Psittacus*, Müller, 1776, *Des Ritters Carl von Linné Natursystems Supplements und Register Band*, p. 76.

*Cacatoes* Duméril, 1805, *Zoologie analytique, ou méthode naturelle de classification des animaux*, pp. 50, 51.

*Cacatua* Vieillot, 1817, in: *Nouveau Dictionnaire d'Histoire Naturelle*, vol. 17, p. 6.

CACATUINAE Gray, 1840, *A list of the genera of birds, with an indication of the typical species of each genus*, p. 53.

*Catacus* Rafinesque, 1815, *Analyse de la Nature, ou Tableau de l'Univers et des Corps Organisés*, p. 64.

*cristatus*, *Psittacus*, Linnaeus, 1758, *Systema Naturae*, Ed. 10, vol. 1, p. 99.

*Kakatoes* Cuvier, 1800, *Leçons d'anatomie comparée de G. Cuvier, recueillies et publiées sous ses yeux par C. Duméril et G.-L. Duvernoy*, vol. 1, table 2.

PLYCTOLOPHINAE Vigors, 1825, *Zoological Journal*, 2: 400.

*Plyctolophus* Vieillot, 1816, *Analyse d'une nouvelle ornithologie élémentaire*, p. 26.

The following is the reference for the designation under Article 69.2.2 of the Code of *Cacatua cristata* Vieillot, 1817 (a junior subjective synonym of *Psittacus albus* Müller, 1776) as the type species of the nominal genus *Cacatua* Vieillot, 1817:

Salvadori, T. 1891. In Sharpe, R.D. (Ed.), *Catalogue of the birds in the collection of the British Museum*, vol. 20, pp. 115, 124.